

Protein Induction

This is the protocol used for the expression of proteins from inducible constructs using the LacZ promoter.

1. Set up a glycerol stock from a transformant colony.
2. Grow an overnight (ON) culture, using 5ml of LB with Antibiotic and 2ul of the glycerol stock.
3. Add the ON culture to 100ml of LB with Antiniotic in a 500ml erlenmeyer flask.
4. Grow until the Optical Density at 600nm is close to 0,5-0,6 (2-2,5h approx.).
5. Add IPTG to a concentration of 0,55mM.
6. Let grow for 6h.
7. Stop growth by centrifugation or store in a refrigerator.